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Attorney Docket Number

Complete if Known

Application Number	09/954,500
Filing Date	17 September 2001
First Named Inventor	Alexander Straitso
Group Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	

JAN 15 2009

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Yvette C. Illo

Date Considered

C 1007
11-2370

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Application Number	09/954,500
Filing Date	17 September 2001
First Named Inventor	Alexander Streitsov
Group Art Unit	1752
Examiner Name	Unknown
Attorney Docket Number	TC 1700

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	T ²
		item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	
YCT		HPFS® Standard Grade, www.hfps.corning.com , Corning Incorporated, May 1999.	
YCT		HPFS® Arf Grade, www.hfps.corning.com , Corning Incorporated, May 1999.	
YCT		HPFS® KrF Grade, www.hfps.corning.com , Corning Incorporated, May 1999.	
WJS		Indigo -- DUV, Positive Light, www.poslight.com , May 2000.	
WJS		Indigo -- SLM, Positive Light, www.poslight.com , October 1999.	
YCT		Custom Lasers, Positive Light, www.poslight.com , October 1999.	
YCT		Positive Light New Products, www.hfps.corning.com , September 21, 2000.	
D		Coherent, Innova Sabre FRED Technical Data, Frequency-Doubled Ion Laser System, copyright 1996, www.coherentinc.com	
YCT		Coherent - Laser Applications - Lithography, www.coherentinc.com , September 21, 2000.	
YCT		Coherent - Products - Lasers - Ion - Innova Sabre FRED, www.coherentinc.com , September 21, 2000.	
YCT		CYMER®, Cymer, Products; Background, www.cymer.com , September 21, 2000.	

Examiner Signature	<i>Gretchen C. H. Jr.</i>	Date Considered	11/23/07
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Sheet 4 of 4

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Application Number 09/954,500

Filing Date 17 September 2001

First Named Inventor Alexander Streltsov

Group Art Unit

Examiner Name Unknown

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Yvette Dutton

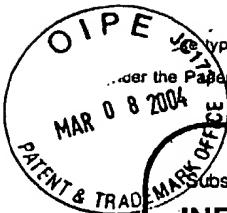
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Sheet

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Complete if Known

Application Number	09/954,500
Filing Date	17 September 2001
First Named Inventor	Alexander Streltsov
Group Art Unit	1752
Examiner Name	Unknown Y. Thornton
Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	T ²
		Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	
yct		RR Krchnavek, GR Lalk, and DH Hartman, "Laser direct writing of channel waveguides using spin-on polymers", J. Appl. Phys. 66 (11), 1 December 1989, pp. 5156-5160.	
yct		Y. Komdo, t. Suzuki, H. Inouye, K. Miura, T. Mitsuyu, and K. Hirao, "Three-dimensional Microscopic Crystallization In Photosensitive Glass by Femtosecond Laser Pulses at Nonresonant Wavelength", J. Appl. Phys., Part 2 (Letters), vol. 37. No. 1A-B, pp. L94-L95.	
yct		K. Hiro and K. Miura, "Writing waveguides and gratings in silica and related materials by a femtosecond laser", Journal of Non-Crystalline Solids 239 (1998), pp. 91-95.	
yct		Y. Kondo, K. Nouchi, T. Mitsuyu, M. Watanabe, PG Karansky, and K. Hirao, "Fabrication of long-period fiber gratings by focused irradiation of infrared femtosecond laser pulses", Optics Letters/Vol. 24, no. 10, May 15, 1999, pp. 646-648.	
yct		KM Davis, K. Miura, N. Sugimoto, and K. Hirao, "Writing waveguides in glass with a femtosecond laser", Optics Letters, vol. 21, No. 21, November 1, 1996, pp. 1729-1731.	
yct		NF Borelli, CM Smith, and DC Allan, "Excimer-laser-induces densification in binary silica glasses", Optics Letters, Vol. 24, No. 20, pp. 25-27.	
yct		K. Miura, J. Qiu, H. Inouye, T. Mitsuyu, and K. Hirao, "Photowritten optical waveguides in various glasses with ultrashort pulse laser", Appl. Phys. Letter 71 (23), 8 December 1997, pp. 3329-3331.	
yct		NF Borrelli, C. Smith, DC Allan, and TP Seward III, "Densification of fused silica under 193-nm excitation", Journal of Opt. Soc. Am. B, Vol. 14, No. 7, July 1997, pp. 1606-1615.	
yct		GH Beall, "Industrial Applications of Silica", Reviews in Mineralogy, Vol. 29, pp. 469-505.	
		AM Streltsov, and NF Borrelli, "Fabrication and analysis of a directional coupler written in glass by nanojoule femtosecond laser pulses", Optics Letters, Vol. 26, No. 1, January 1, 2001, pp. 42-43.	
yct		K. Hirao and K. Miura, Technical Digest International Workshop on Structure and Functional Optical Properties of Silica and Silica-Related Glasses, "Writing waveguides in silica-related glasses with femtosecond laser", July 10-11, 1997, pp. 103-105.	

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